

MODULAR MOBILE STORAGE SYSTEM

ABSTRACT OF THE DISCLOSURE

A mobile storage system includes a series of carriages which are movably mounted to a series of rails supported on a surface such as a floor.

- 5 Storage units, such as drawer-type file cabinets, are adapted to be engaged with each carriage, and are movable on the rails along with the carriages. Each carriage is modular in construction, and incorporates a series of mobile housing assemblies interconnected by a structural cross-brace arrangement. At least one end of the carriage includes an end panel arrangement which overlies a sidewall
- 10 of an endmost one of the storage units. The end panel arrangement includes a frame defining an interior, and one or more cover members are demountably secured to the frame so as to selectively cover the interior of the frame and to conceal the sidewall of the endmost storage units. A series of retainer members are interconnected with each carriage, and interact with the rails so as to prevent
- 15 upward movement of the carriage relative to the rails. The retainer members are secured to the mobile housing assemblies, and each retainer member is engaged within a groove defined by an underlying one of the rails. The retainer members further provide the dual function of mounting the storage units to the mobile housing assemblies. The carriages and the rail and floor system are of a modular
- 20 construction, enabling the components of the system to be shipped in knock-down form and assembled on site, and also to be expanded or contracted after initial installation.